

BEACON

SPOTLIGHT  
AWARD

WINNER

BEST PRACTICE  
ACTIVITIES



# City of Coronado

Sustainability Best Practice Activities



**ILG** INSTITUTE FOR  
LOCAL GOVERNMENT<sup>SM</sup>  
*Promoting Good Government at the Local Level*

# City of Coronado

California communities are leading the fight against climate change. From small projects to large-scale programs, cities and counties are making great strides to create healthy, sustainable and economically prosperous communities. Participants in ILG's Beacon Program serve as leaders in this effort, making measureable contributions to reducing energy and greenhouse gas emissions, and sharing their sustainability best practices.

This document represents a collection of activities your agency has completed in 10 areas of sustainability. While local governments have a wide range of choices available to address climate change, these activities represent the unique opportunities and values in your community. These voluntary actions are essential to achieving California's goals to save energy, reduce greenhouse gas (GHG) emissions and create more sustainable communities.

## SPOTLIGHT AWARD

Areas of Accomplishment		SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
	Agency GHG Reductions			
	Community GHG Reductions			
	Agency Energy Savings			
	Natural Gas Savings			
	Sustainability Best Practice Activities	2019	2020	
	Beacon Vanguard Award			

Cities and counties throughout the Golden State should be proud of the accomplishments made through the hard work, innovation and collective community action. The Institute for Local Government applauds your achievements and thanks you for your continued participation in the Beacon Program.

The Beacon Program is sponsored by the Institute for Local Government and the Statewide Energy Efficiency Collaborative (SEEC). SEEC is an alliance between three statewide non-profit organizations and California's four Investor-Owned Utilities. The Beacon Program is funded by California utility ratepayers and administered by Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Edison and Southern California Gas Company under the auspices of the California Public Utilities Commission.



# Energy Efficiency and Conservation Activities

## Silver

1. The city audits energy use of agency buildings through the SANDAG Energy Roadmap Program to identify opportunities for energy savings through efficiency and conservation measures.

## Gold

2. Coronado has a gas-powered leaf blower prohibition ordinance and has converted all city equipment to battery power.
3. The city issued eight permits to install battery storage in the last three years.

## Platinum

4. Energy Report Cards were prepared for twelve municipal sites. These preliminary assessments established each site's baseline energy use and benchmarked it against similar building types in the country.
5. Coronado conducts ongoing staff training for Building Performance and Monitoring including: Energy management systems, Benchmarking tools, Building information modeling (BIM) Facilities, General Energy Workshops, Best Practices and Programs.





# Water & Wastewater Systems Activities

## Silver

1. The golf course irrigation upgrade project was awarded by the city council on July 15, 2014 and was completed and accepted by the city council on January 1, 2015. The new system installed has the capability to monitor weather to allow a more precise watering schedule and minimizes overwatering, which was not possible with the prior system.

## Gold

2. Coronado has a city-operated wastewater recycling plant—council approved the feasibility report, directed staff to initiate the environmental review, explore design-build delivery methods and investigate project financing for a 0.75 mgd to 1.00 mgd recycling plant on the golf course. It is anticipated that the project will be completed in the fourth quarter of 2022.
3. Coronado encourages water conservation in the public right of way through fee-free permits to artificial turf hardscaping.

## Platinum

4. The city has a golf course water savings plan, as well as turf reduction and a high efficiency irrigation system.
5. Coronado has a new computer system increasing irrigation efficiency in the Recreation Department. The new system has resulted in a 20% reduction in water use, saving \$175,000 in water and \$10,000 in electricity.
6. The city converted turf to drought tolerant plants in Cays Median Project in 2015.





# Green Building Activities

## Silver

1. All new Coronado buildings are now required to be built to the LEED silver status. This directive applied to the following structures: animal care facility, tennis center, senior center, clubroom and boat house.

## Gold

2. The city is enrolled in HERO and California First PACE Programs.
3. Coronado adopted a solar streamlining ordinance to standardize and simplify permitting procedures for residential solar systems.

## Platinum

4. The city has implemented mandatory green building code standards and a construction and demolition ordinance.





# Waste Reduction and Recycling Activities

## Silver

1. Coronado has a city-operated wastewater recycling plant and uses reclaimed water for landscape watering.

## Gold

2. Glorietta Bay Marina is a designated “Clean Marina” – adopting practices to prevent pollution.
3. The city operates an eWaste collection at Public Services Motor Oil collection; used battery collection citywide waste diversion and recycling collection services.

## Platinum

4. Coronado education outreach includes educational pamphlets to help provide the general public with informative tips and pollution prevention guideline to reduce waste and prevent waste from entering the watershed system.





# Climate-friendly Purchasing Activities

## Silver

1. Landscaping equipment—on September 5, 2017, the council approved resolution 8891 directing the conversion of the city’s gas-powered leaf blowers and string trimmers, and those used by its contractors, to zero-emission electric tools no later than December 31, 2018. Research indicates that emissions from leaf blowers and other small gas-powered engines have a significant impact on air quality and public health risks. As of summer 2019, 13 string trimmers, 20 leaf blowers, two chain saws, and two hedge trimmers have been replaced.

## Gold

2. The city has converted the following to LEDs: sports lighting: tennis courts; public facilities, interior lighting: currently the policy for the Facilities Division is any CFL or incandescent lighting that need to be replaced is replace with a LED lamp. Average electricity savings in 50%-70% per lamp. Currently facilities are between 35%-60% converted to LED.
3. Coronado’s municipal department has a recycling policy and requires double-sided printing.

## Platinum





# Renewable Energy and Low-Carbon Fuels Activities

## Silver

1. Through the Electric Vehicle Charging Plan, the city has installed 14 EV charging stations. There is approximately 1 station per every 1,738 residents.

## Gold

2. Coronado purchased two new EV sedans (Nissan Leaf's) and one hybrid (Prius) and a City Vehicle only charging station was provided.
3. Building Permit staff has issued 288 permits for solar photovoltaic systems in the past 3 years.

## Platinum







# Efficient Transportation Activities

## Silver

1. The annual Summer Shuttle Program provides free 15-minute increment bus service along MTS route 904 from Memorial Day weekend to Labor Day. Coronado has operated the free summer shuttle every year since 2013.

## Gold

2. Coronado purchased new bike fleet of 5 bikes specifically for staff to travel between buildings.
3. The city conducts bike safety educational outreach and safe routes to school program to promote safe biking in the community; Coronado has been recognized as a Bicycle Friendly Community, at the Silver Level (one of the highest in California).

## Platinum

4. Coronado provides a city-subsidized ferry service for pedestrians and bicyclists between the Coronado Ferry Landing and the Broadway Pier in San Diego. The free Commuter Ferry operates Monday through Friday during morning commute hours with a free return trip.
5. The city has been recognized at the Silver level under SANDAG iCommute's Diamond Awards Program for its commuter incentive benefits, including resources for employees who use alternative transportation to get to work.
6. Coronado has completed bicycle lane and pedestrian improvements at key bicycle corridors (e.g. Glorietta Boulevard, Ocean Boulevard). Other traffic calming measures at key intersections such as bulb outs, striping, parklets, landscaping/trees, speed humps, lighting, etc.





# Land Use and Community Design Activities

## Silver

1. Coronado developed an Active Transportation Plan and adopted a Community-wide Pedestrian and Bicycle Plan and capital investment program that maximizes potential for residents to walk or bicycle within and between neighborhoods.

## Gold

2. The city has implemented smart growth, compact development, pedestrian-friendly land use development policies.
3. Coronado engages in an ongoing collaborative relationship with the regional transit authority to improve transportation options and efficiency and effectiveness of the existing transportation network.

## Platinum

4. Coronado adopted an Accessory Dwelling Unit Program to promote additional residential options in the city.





# Open Space and Offsetting Carbon Emission Activities

## Silver

1. A Tree Master Plan has been developed to provide a detailed plan for managing the city's urban forest. This plan will address what the city's urban forest should look like in the future, how to sustain it, and how to increase public awareness of the benefits provided. This plan should be reevaluated every five years by the city's public services staff and the street tree committee to ensure that it conforms to community trends and needs. If after that review there are recommendations, they shall be forwarded to the city council. The city is responsible for the care of approximately 9,065 public trees that are located on street parkways, the municipal golf course, and within 21 city parks. The city is fortunate in having a diverse urban forest that includes over 146 species. The city currently maintains an extensive urban forest with over 8,500 trees.

## Gold

2. Coronado has been listed as a "Tree City USA" every year since 1984. The Coronado Street Tree Master Plan plans to plant 50 new trees every year.
3. Glorietta Bay Marina is a designated "Clean Marina" – adopting practices to prevent pollution.

## Platinum





# Promoting Community and Individual Action Activities

## Silver

1. The city actively invites community members, organizations and other local agencies to participate in ongoing conversations regarding development of a Climate Action Plan and other future growth plans and policies.

## Gold

2. Coronado Safe Routes to School Education: the city has provided Safe Routes to School education provide safety education to students for walking and bicycling to school or for other trips. Currently about 50% of Coronado students walk or bike to school.
3. Coronado Seniors Out and About: the city operates a rideshare program for seniors, offering \$1 rides throughout San Diego and up to \$4 up to 25 miles.

## Platinum

4. Coronado's mayor officially designated the month of June as Emerald Green, Ocean Blue month.







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